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EXAMINER
HIGHTER, TREVILLIAN H

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS,
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>02 April 2004</u>.
2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-45</u> is/are pending in the application.
  4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) <u>1-45</u> is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☒ The drawing(s) filed on <u>April 2, 2004</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.
  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  a)☐ All   b)☐ Some * c)☐ None of:
    1.☐ Certified copies of the priority documents have been received.
    2.☐ Certified copies of the priority documents have been received in Application No. _____.
    3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
      application from the International Bureau (PCT Rule 17.2(a)).
  * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date <u>1/19/2007</u>.
4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1.   Claims 1-45 are pending in this application.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35

U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3.   **Claims 1-4, 7, 8, 11-15, 18-24, 27-28, and 31-45 rejected under 35**

U.S.C. 102(b) as being anticipated by Schulzrinne (Patent No. US 6,970,909

B2), hereinafter Schulzrinne.

4.   With respect to claim 1, Schulzrinne discloses establishing one or more

subscription sessions (column 17, lines 37-44) with one or more endpoint

devices(column 17, lines 37-44), wherein each of said one or more endpoint

devices is associated with an address of record (column 18, lines 41-45);

receiving a dialog notification (column 17, lines 37-47, a "Ringing response" is

interpreted as a message indicating a call has been received) in one of said one

or more of subscription sessions (column 17, lines 37-44) that an endpoint device

has received a call from a caller (column 17, lines 41-47); generating a call entry

(column 20, lines 1-6, it is apparent that a call entry is generated prior to storing

the call entry) providing call information associated with said call and said

caller(column 20, lines 1-6, it is apparent that an incoming call is associated with

a call and caller); and storing said call entry (column 20, lines 1-6) in a

chronological call history (column 20, lines 16-17) providing call information

associated with one or more calls to said one or more endpoint devices (column

20, lines 1-6, it is apparent that an incoming call is associated with a call and

caller; column 20, lines 13-17).

5.   With respect to claim 11, Schulzrinne discloses a registrar (column 18,

lines 64-67) for registering one or more Session Initiation Protocol (SIP)

compatible endpoint devices (column 18, lines 64-67) that communicate on a

communication network using SIP (abstract, lines 1-6, 13-16), wherein each of

said one or more SIP compatible endpoint devices is associated with an address

of record (column 18, lines 41-45); a proxy server (column 20, lines 29-30) for

routing calls to each of said one or more SIP compatible endpoint devices

(column 20, lines 29-30; column18, lines 41-43); a control module (column 20,

lines 13-17) for chronologically collecting call information associated with one or

more calls (column 20, lines 13-17) directed to said one or more SIP compatible

endpoint devices (column18, lines 41-43) over existing SIP dialog/notification

sessions (column 17, lines 37-47), wherein each of said one or more SIP

compatible endpoint devices is associated with an address of record (column 18,

lines 41-45); and an updated personal call history (column 20, lines 1-6) for

permanently storing said call information (column 20, lines 1-6, memory is

interpreted as a device used to store information on a temporary or permanent

basis).

6.   With respect to claim 21, Schulzrinne discloses a processor (column 8,

lines 1-5); and a computer readable memory (column 8, lines 1-5) coupled to

said processor (column 8, lines 1-5) and containing program instructions (column

8, lines 1-5, it is apparent that computer programs are stored in memory) that,

when executed, implement a method for automatically collecting information

relating to calls (column 20, lines 13-17), comprising: establishing one or more

subscription sessions (column 17, lines 37-44) with one or more endpoint

devices(column 17, lines 37-44), wherein each of said one or more endpoint

devices is associated with an address of record (column 18, lines 41-45);

receiving a dialog notification (column 17, lines 37-47, a "Ringing response" is

interpreted as a message indicating a call has been received) in one of said one

or more of subscription sessions (column 17, lines 37-44) that an endpoint device

has received a call from a caller (column 17, lines 41-47); generating a call entry

(column 20, lines 1-6, it is apparent that a call entry is generated prior to storing

the call entry) providing call information associated with said call and said

caller(column 20, lines 1-6, it is apparent that an incoming call is associated with

a call and caller); and storing said call entry (column 20, lines 1-6) in a

chronological call history (column 20, lines 16-17) providing call information

associated with one or more calls to said one or more endpoint devices (column

20, lines 1-6, it is apparent that an incoming call is associated with a call and

caller; column 20, lines 29-35).

7.   With respect to claim 31, Schulzrinne discloses A computer readable

medium (column 8, lines 1-5) containing executable instructions (column 8, lines

1-5, it is apparent that computer programs are stored in memory) which, when

executed in a processing system (column 8, lines 1-5), causes the processing

system to perform the steps for automatically collecting call contact information

(column 20, lines 1-6), comprising: establishing one or more subscription

sessions (column 17, lines 37-44) with one or more endpoint devices(column 17,

lines 37-44), wherein each of said one or more endpoint devices is associated

with an address of record (column 18, lines 41-45); receiving a dialog notification

(column 17, lines 37-47, a "Ringing response" is interpreted as a message

indicating a call has been received) in one of said one or more of subscription

sessions (column 17, lines 37-44) that an endpoint device has received a call

from a caller (column 17, lines 41-47); generating a call entry (column 20, lines 1-

6, it is apparent that a call entry is generated prior to storing the call entry)

providing call information associated with said call and said caller(column 20,

lines 1-6, it is apparent that an incoming call is associated with a call and caller);

and storing said call entry (column 20, lines 1-6) in a chronological call history

(column 20, lines 16-17) providing call information associated with one or more

calls to said one or more endpoint devices (column 20, lines 1-6, it is apparent

that an incoming call is associated with a call and caller; column 20, lines 13-17).

8.   With respect to claim 35, Schulzrinne discloses means for registering one

or more Session Initiation Protocol (SIP) compatible endpoint devices (column

18, lines 64-67) that communicate on a communication network using SIP

(abstract, lines 1-6, 13-16), wherein each of said one or more SIP compatible

endpoint devices is associated with an address of record (column 18, lines 41-

45); means for routing calls to each of said one or more SIP compatible endpoint

devices (column 20, lines 29-30; column18, lines 41-43); means for

chronologically collecting call information associated with one or more calls

(column 20, lines 13-17) directed to said one or more SIP compatible endpoint

devices (column18, lines 41-43) over existing SIP dialog/notification sessions

(column 17, lines 37-47), wherein each of said one or more SIP compatible

endpoint devices is associated with an address of record (column 18, lines 41-

45); and means for permanently storing said call information (column 20, lines 1-

6, memory is interpreted as a device used to store information on a temporary or

permanent basis) in a personal call history (column 20, lines 1-6).

9.   With respect to claim 41, Schulzrinne discloses a control module (column

20, lines 13-17) for chronologically collecting call information associated with one

or more calls (column 20, lines 13-17) directed to said one or more SIP

compatible endpoint devices (column18, lines 41-43) over existing SIP

dialog/notification sessions (column 17, lines 37-47), wherein each of said one or

more SIP compatible endpoint devices is registered to an address of record

(column 18, lines 64-67).

10.   With respect to claims 2, 22, and 32, Schulzrinne discloses using a

Session Initiation Protocol (SIP) (column 17, lines 6-9) for communication with

said one or more endpoint devices (column 17, lines 37-44), wherein said

establishing one or more subscription sessions (column 17, lines 37-44) further

comprises: sending one or more Session Initiation Protocol (SIP) subscribe

messages (column 17, lines 6-9) to said one or more endpoint devices (column

17, lines 37-44) to establish said one or more subscription sessions (column 17,

lines 37-44); and wherein said notification comprises an SIP notification

message (column 17, lines 37-47, a "Ringing response" is interpreted as a

message indicating a call has been received; column 17, lines 6-9, when an SIP

INVITE request is transmitted, it would be apparent that the response would be

SIP compatible message).

11.   With respect to claims 3, 23 and 33, Schulzrinne discloses receiving

another notification (column 17, lines 37-47, a "Ringing response" is interpreted

as a message indicating a call has been received; abstract, lines 3-6, it would be

apparent that another notification would be received for software detecting

incoming calls and initiating call sessions) that another endpoint device has

received another call (column 17, lines 37-47; abstract, lines 3-6, it would be

apparent that another endpoint device would receive a call for software detecting

incoming calls and initiating call sessions); generating another call entry (column

20, lines 1-6, it is apparent that a call entry is generated prior to storing the call

entry) providing call information associated with said another call (column 20,

lines 1-6); and storing said another call entry (column 20, lines 1-6) in said

chronological call history (column 20, lines 16-17).

12.   With respect to claims 4, 24, and 34, Schulzrinne discloses providing

access to said chronological call history (column 20, lines 13-20) to review call

information related to calls to said one or more endpoint devices (column 20,

lines 13-20).

13.   With respect to claims 7 and 27, Schulzrinne discloses applying a

handling rule (column 20, lines 29-35, when redirection is performed, it is

apparent that a handling rule is applied) to said call information to reroute said

call to another endpoint device (column 20, lines 29-35).

14.   With respect to claims 8 and 28, Schulzrinne discloses said dialog

notification (column 17, lines 37-47); a date of said call (column 20, lines 1-6,

date of call is interpreted as "related information regarding incoming calls"); and a

time of said call (column 20, lines 1-6, time of call is interpreted as "related

information regarding incoming calls").

15.   With respect to claims 12, 36, and 43, Schulzrinne discloses one or more

call entries (column 20, lines 1-6), each of which comprises call information

associated with a corresponding call (column 20, lines 1-6) to a corresponding

SIP compatible endpoint device (column18, lines 41-43).

16.   With respect to claims 13, 37, and 44, Schulzrinne discloses a dialog

notification (column 17, lines 37-47) from a corresponding SIP compatible

endpoint device (column 18, lines 41-43) that has received a call (column 17,

lines 37-47); date of said call (column 20, lines 1-6, date of call is interpreted as

"related information regarding incoming calls"); and time of said call (column 20,

lines 1-6, time of call is interpreted as "related information regarding incoming

calls").

17.   With respect to claims 14 and 38, Schulzrinne discloses one or more calls

comprises one or more multimedia calls (column 6, lines 34-36) established

using a protocol substantially complying with SIP (column 6, lines 34-36).

18.   With respect to claim 15, Schulzrinne discloses a display (column 20, lines

13-16) for displaying said personal call history (column 20, lines 1-6) for ready

access (column 20, lines 17-20, ready access is interpreted as providing features

that allow access of call history at any time).

19.   With respect to claim 18, Schulzrinne discloses a handler (column 20, lines 29-35, when redirection is performed, it is apparent that a handler is implemented) that applies at least one handling rule (column 20, lines 29-35, when redirection is performed, it is apparent that a handling rule is applied) to said call information for rerouting a corresponding call (column 20, lines 29-35).

20.   With respect to claim 19, Schulzrinne discloses an access device (column 18, lines 36-38; column 17, lines 53-55) remotely located from said control module and said personal call history (column 18, lines 36-38; column 17, lines 53-55) for accessing said personal call history(column 18, lines 36-38; column 17, lines 53-55).

21.   With respect to claim 20, Schulzrinne discloses said personal call history application module comprises a Dialog State Aggregator (DSA) (column 17, lines 37-44; column 17, lines 6-9, DSA is interpreted as sending an INVITE request to establish a SIP notifications session and receiving a response, "Ringing response", to indicate a call has been made).

22.   With respect to claim 27, Schulzrinne discloses applying a handling rule to said call information (column 20, lines 29-35, when redirection is performed, it is apparent a handling rule is applied) to reroute said call to another endpoint device (column 20, lines 29-35).

23.   With respect to claim 39, Schulzrinne discloses means for displaying said

personal call history (column 20, lines 1-6) for ready access (column 20, lines 17-

20, ready access is interpreted as providing features that allow access of call

history at any time).

24.   With respect to claim 40, Schulzrinne discloses means for accessing said

personal call history (column 20, lines 1-6).

25.   With respect to claim 42, Schulzrinne discloses said control module

permanently stores said call information (column 20, lines 1-6, memory is

interpreted as a device used to store information on a temporary or permanent

basis) in an updated personal call history (column 20, lines 1-6).

26.   With respect to claim 45, Schulzrinne discloses said control module

provides access to said personal call history (column 20, lines 1-6).

Claim Rejections - 35 USC § 103

27.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described
> as set forth in section 102 of this title, if the differences between the subject matter sought to
> be patented and the prior art are such that the subject matter as a whole would have been
> obvious at the time the invention was made to a person having ordinary skill in the art to which

said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

28.   **Claims 5, 6, 16, 17, 25, and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schulzrinne, as applied to claims 1, 11, and 21 above, in view of Brewster et al. (Patent No. 6,041,108), hereinafter, Brewster.**

29.   With respect to claims 5 and 25, Schulzrinne does not disclose applying a filter to said call information to update a counter associated with said one or more endpoint devices.

Brewster, however, discloses applying a filter to said call information (column 3, lines 11-14) to update a counter (column 3, lines 11-14) associated with said one or more endpoint devices (column 3, lines 11-14).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Schulzrinne with the teachings of Brewster, in order to provide uniformity in the treatment of incoming calls while simplifying the process of collecting statistical information on filtering activity.

30.   With respect to claims 6 and 26, Schulzrinne does not disclose triggering a response when said counter reaches a threshold.

Brewster, however, discloses triggering a response (column 3, lines 11-14, blocking a call is interpreted as triggering a response) when said counter

reaches a threshold (column 3, lines 11-14, "matching a particular criteria" is interpreted as including a threshold value).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Schulzrinne with the teachings of Brewster, in order to provide uniformity in the treatment of incoming calls while simplifying the process of collecting statistical information on filtering activity.

31.   With respect to claim 16, Schulzrinne discloses said one of more SIP compatible endpoints (column 18, lines 41-43).

Schulzrinne does not disclose a counting module that updates at least one counter by applying a filter to said call information, wherein said counting module is associated with said one or more SIP compatible endpoint devices.

Brewster, however, discloses a counting module (column 3, lines 11-14) that updates at least one counter (column 3, lines 11-14) by applying a filter to said call information (column 3, lines 11-14), wherein said counting module is associated with said one or more SIP compatible endpoint devices.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Schulzrinne with the teachings of Brewster, in order to provide uniformity in the treatment of incoming calls while simplifying the process of collecting statistical information on filtering activity.

32. With respect to claim 17, Schulzrinne does not disclose a trigger module that invokes a response when said at least one counter reaches a threshold.

Brewster, however, discloses a trigger module (column 3, lines 11-14, blocking a call is interpreted as triggering a response) that invokes a response when said at least one counter reaches a threshold (column 3, lines 11-14, "matching a particular criteria" is interpreted as including a threshold value).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Schulzrinne with the teachings of Brewster, in order to provide uniformity in the treatment of incoming calls while simplifying the process of collecting statistical information on filtering activity.

33. Claims 9, 10, 29, and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schulzrinne, as applied to claims 1 and 21 above, in view of Thornton et al. (Patent No. 6,363,065), hereinafter, Thornton.

34. With respect to claims 9 and 29, Schulzrinne does not disclose receiving a preliminary notification that indicates that said endpoint device has registered to be associated with said one or more endpoint devices.

Thornton, however, discloses receiving a preliminary notification (column 32, lines 2-6) that indicates that said endpoint device has registered to be associated with said one or more endpoint devices (column 32, lines 2-6).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Schulzrinne with the teachings of Thornton, in order to protect the telephone network from congestion due to overload or failure conditions.

35.   With respect to claims 10 and 30, Schulzrinne does not disclose receiving another notification that indicates that said endpoint device has unregistered and is no longer associated with said one or more endpoint devices and a corresponding subscription session is terminated.

Thornton, however, discloses receiving another notification (column 32, lines 2-6) that indicates that said endpoint device has unregistered and is no longer associated with said one or more endpoint devices (column 32, lines 2-6), and a corresponding subscription session is terminated (column 60, lines 38-41).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Schulzrinne with the teachings of Thornton, in order to protect the telephone network from congestion due to overload or failure conditions.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TREVILLIAN H. HIGHTER whose telephone number is (571)270-3806. The examiner can normally be reached on Monday-Thursday 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nabil El-Hady can be reached on (571) 272-3963. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

THH 2/1/08

/Nabil El-Hady, Ph.D, M.B.A./
Supervisory Patent Examiner, Art Unit 4152